

MUSKAAN DHADWAL

Mystic View, Rajhana Road, Sector-4, New Shimla, Shimla, Himachal Pradesh - 171009

M: 821918236, E: muskaandhadwal98@gmail.com

ACADEMIC QUALIFICATION

- **Bachelor of Technology (Computer Science and Engineering)**, SRM IST (KTR campus), Chennai, May 2017 - June 2021
- CGPA: 8.99

ACADEMIC PROJECTS

Indian Crop Production: Prediction and Model Deployment using ML and Streamlit

- Location: SRM IST, Chennai
- Duration: Jan – Jun 2021
- Team Size: 2
- Role: Front-end and Back-end Integrator
- Objective:
 - A comprehensive analysis to develop a low cost & easy implementation by comparing algorithms suitable for problem statement.
 - Removed the deficiency of good and comprehensive visualization and interpretation of the entire problem statement.
 - Deployed the whole research to an Interactive Data Driven Web Application.
- Technology Used: Python, Jupiter notebook, Anaconda, Streamlit, Heroku, GitHub
- <https://github.com/MuskaanDhadwal/Agricultural-Scenario-India>

Online Examination Portal

- Location: SRM IST, Chennai
- Duration: Sep 2019 - Oct 2019
- Team Size: 2
- Role: Front End Developer
- Objective:
 - Created an online examination portal to demonstrate working of RDBMS by using PhpMyAdmin for making and storing various tables related to the database.
- Technology Used: HTML, CSS for developing the frontend and PHP to make the webpage dynamic and for validating admin login. [GitHub - MuskaanDhadwal/Online-examination-portal1](#)

E-commerce Website, Verzeo Edutech, Online

- Duration: Jul - Aug 2020
- Role: Front End Developer
- Objective: Group project on building an e-commerce interior designing site using web development technologies like HTML, CSS and JavaScript. [GitHub - MuskaanDhadwal/major-project.github.io](#).

INTERNSHIPS

Intern, Satluj Jal Vidyut Nigam (SJVN), Shimla, Jun 2019

- Developed an insight about the basics of computer networks and introduction to web development. A report on the same was submitted to the company.
- Gained hands-on knowledge of the basics of computer networks and web development.

Intern, Verzeo Edutech, Online, Jun - Aug 2020

- The online Internship involved us in gaining skills in both front-end and back-end technologies like HTML, CSS, JavaScript, PHP and SQL and finally submit a major-project for the same.
- Learned hands-on how to use various web development technologies for programming and designing websites.

WORKSHOPS

- **Python Programming**, Diginique Tech Labs in association with cognizance'20 IIT Roorkee, Apr 2020
- **Fundamentals of Graphic Design Workshop, Elektra'20**, EEE Association SRM IST, Feb 2020
- **Machine Learning with Tensor Flow**, DSC SRM(Google Developers Student Club) ,Aug 2019
- **ML101 with Tensor Flow**, DSC SRM(Google Developers Student Club), Apr 2019
- **Hands on Python**, SRM team Humanoid in collaboration with IEEE, Feb 2019

PUBLICATIONS

- **Indian Crop Production: Prediction and Model Deployment using ML and Streamlit**, Turkish Journal of Physiotherapy and Rehabilitation, May 2021 | Link: <https://turkjphysiotherrehabil.org/pub/pdf/321/32-1-224.pdf>

CERTIFICATIONS

Visual Elements of User Interface Design, Coursera, Oct 2020

- Learned to design and articulate meaning using color, type, and imagery to make interfaces function seamlessly.

Human Centered Design: An Introduction, Coursera, Apr 2020

- Learned several techniques for rapidly prototyping (such as Wizard of Oz Prototyping) and evaluating multiple interface alternatives and why rapid prototyping and comparative evaluation are essential to excellent interaction design.

Web Development using PHP and MySQL, Skyfi Labs, Aug 2020

- Learned to implement the back-end technologies used during web development like PHP & SQL to develop interactive websites.

Data Science for Engineers, NPTEL, Nov 2019

- Introduced to R as a programming language and the mathematical foundations required for data science.

Web Applications using PHP, Coursera, Oct 2019

- Learned the functioning of the request/response cycle, including GET/POST/Redirect and the basic syntax and data structures of the PHP language, variables, logic, iteration, arrays, error handling and super global variables, among other elements.

ROLE OF RESPONSIBILITY

- Brainstorming ideas and Designing logos, stickers for events as a creative domain team member, DSC, SRM (Google Developers student club), Mar – Jun 2019

TECHNICAL SKILLS

- **Programming Tools:** C, C++, Java, Python -3, HTML + CSS, JavaScript, MySQL, R Programming, PHP, Streamlit
- **Software:** Figma, Xampp, PhpMyAdmin, Adobe Xd. Jupitor Notebook, Anaconda, Heroku, Github
- **Operating System:** Windows
- **Microsoft Office Suite:** Word, PowerPoint

AWARDS AND ACHIVEMENTS

- 1st (group), Electronically Controlled Hydraulic Crane, Dept. of Physics and Nanotechnology, SRM IST, Oct 2017
- Won running School Trophy for Proficiency in Mathematics, Loreto Convent, Tara Hall Shimla, Dec 2016
- Letter of Appreciation from HRD ministry, Government of India for securing 10 CGPA in class X, Jul 2015